NC/QC/YD/W1/NG-04/2017-18/G6 Date: 02-04-2018

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Development and Improvements of roads and drains in Ward no-01 of Yelahanka Sub Division.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. Lokesh. R.

TEST RESULTS

1. **Gradation Test:**
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
26.50	**95.45**	70-100
9.50	**78.35**	50-80
4.75	**56.05**	40-65
2.36	**44.00**	30-50
0.425	**13.55**	10-15
0.075	**3.90**	<5

K. R
KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore
Proprietor

NC/QC/YD/W1/NG-04/2017-18/W9

Date: 11-04-2018

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Development and Improvements of roads and drains in Ward no-01 of Yelahanka Sub Division.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Lokesh. R.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	98.45	95-100
26.50	---	-
22.40	75.20	60-80
11.20	58.10	40-60
4.75	36.55	25-40
2.36	24.30	15-30
0.600	17.80	8-22
0.075	3.35	0-5

K. R
KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NC/QC/YD/W1/NG-04/2017-18/DS5

Date: 30-04-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.
{Project*: Development and Improvements of roads and drains in Ward no-01 of Yelahanka Sub Division.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Lokesh. R.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	**1255**	900
2	Marshall Flow at 60°C, mm.	**3.49**	2.0 - 4.0

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

Newzen Consultants Bangalore

NC/QC/YD/W1/NG-04/2017-18/BS6

Date: 15-05-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for BC mix sample.
{Project*: Development and Improvements of roads and drains in Ward no-01 of Yelahanka Sub Division.}

Ref.: Material testing/PMC/17-18,

Report Required for: Assistant Executive Engineer,
Yelahanka Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Lokesh. R.

TEST RESULTS

Table 1: Properties of BC (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Bituminous Concrete, Grade-2 as per M.o.R.T&H (V Revision)-2013 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	**1378**	900
2	Marshall Flow at 60°C, mm.	**3.49**	2.0 - 4.0

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore